What is claimed is:

1.   1.   A system capable of communicating with plural devices on one or more
2   networks, comprising:
3   a storage module to store address translation information; and
4   a controller adapted to receive a data unit from a first network, the data
5   unit having a source address and a destination address,
6   the controller adapted to further translate both the source address and the
7   destination address of the data unit based on the address translation information.

1.   2.   The system of claim 1, wherein the network address translation
2   information contains a first address associated with a first device and a second address
3   associated with a second device, the address translation information to map the first
4   address to a first alias address and to map the second address to a second alias address.

1.   3.   The system of claim 1, wherein the controller is adapted to further
2   transmit the data unit containing the translated source address and destination address to
3   the first network or another network.

1.   4.   The system of claim 1, wherein the address translation information
2   comprises an address and port translation table, and wherein the controller is adapted to
3   further translate a source port and a destination port in the data unit.

1.   5.   The system of claim 4, wherein the data unit comprises an Internet
2   Protocol header and a User Datagram Protocol header.

1.   6.   The system of claim 1, wherein the data unit contains Real-Time Protocol
2   data.
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1.   7.   The system of claim 1, wherein the controller comprises a media portal
2   adapted to communicate data units containing media data between plural devices, the

3   system further comprising an agent adapted to perform call control signaling to establish

4   a call session in which the data units are communicated.

1   8.   The system of claim 7, wherein the agent is adapted to communicate

2   requests to the controller to dynamically create and update the address translation

3   information in a call session.

1   9.   The system of claim 1, wherein the data unit comprises a data unit to be

2   communicated between at least two devices in a call session.

1   10.   A method of communicating between two endpoints, comprising:

2   in a communications portal, providing a first interface to a first device and

3   providing a second interface to a second device;

4   transporting data units, through the communications portal, between the

5   first device and the second device; and

6   the communications portal hiding an address of the first device from the

7   second device and hiding an address of the second device from the first device.

1   11.   The method of claim 10, further comprising:

2   storing address translation information; and

3   translating both a source address and a destination address of each data

4   unit.

1   12.   The method of claim 11, further comprising:

2   storing port translation information; and

3   translating both a source port and a destination port of each data unit.

1   13.   The method of claim 12, wherein translating the source and destination

2   addresses and ports comprises translating Internet Protocol addresses and User Datagram

3   Protocol ports.

1   14.   The method of claim 11, wherein storing the address translation

2   information comprises storing a first device address associated with the first device and a

3   second device address associated with the second device, and storing a first alias address

4   mapped to the first device address and a second alias address mapped to the second

5   device address.

1   15.   The method of claim 14, wherein providing the first interface comprises

2   providing the second alias address to represent the second device to the first device, and

3   providing the second interface comprises providing the first alias address to represent the

4   first device to the second device.

1   16.   An article comprising at least one storage medium containing instructions

2   that when executed cause a system to:

3   store address translation information;

4   receive a data unit containing a source address and a destination address;

5   and

6   translate both the source and destination addresses based on the address

7   translation table.

1   17.   The article of claim 16, wherein the instructions when executed cause the

2   system to further store the address translation information as an entry in an address

3   translation table having plural entries.

1   18.   The article of claim 17, wherein the instructions when executed cause the

2   system to use different entries of the address translation table for different

3   communications sessions.

1   19.   The article of claim 16, wherein the instructions when executed cause the

2   system to transmit the data unit with the translated source and destination addresses.

1   20.   The article of claim 16, wherein the instructions when executed cause the

2   system to communicate the data unit that is part of a call session between two endpoints.

1   21.   The article of claim 16, wherein the instructions when executed cause the

2   system to further store port translation information, and to translate both the source and

3   destination port of the data unit based on the port translation information.

1   22.   The article of claim 16, wherein the instructions when executed cause the

2   system to receive the data unit comprising an Internet Protocol packet.

1   23.   The article of claim 16, wherein the instructions when executed cause the

2   system to further:

3   allocate an address for a call session, the address being part of the address

4   translation information; and

5   deallocate the address in response to termination of the call session.

1   24.   The article of claim 23, wherein the instructions when executed cause the

2   system to further use the deallocated address for another call session as needed.

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